



Standing beside the portrait of the great men who made McGill what it is (James McGill was a slaveowner), members of our Board of Governors (Hugh Hallward, chairman, centre) met Monday.

CAUT report on Mandel case:

Inquiry indicts collegiality

by Albert Nerenberg

An inquiry into the David Mandel case, launched by the Canadian Association of University Teachers (CAUT), implies that there was an attempt on the part of the McGill Association of University Teachers (MAUT) to influence the inquiry and discredit Mandel's position.

David Mandel has charged McGill's Political Science department with procedural defect and political bias in its decision not to appoint him to a post in 1980. The faculty's Appointment committee had previously recommended him. The CAUT investigation committee accepts that there were procedural defects and calls upon McGill to prove that there were no political biases involved in the decision.

The MAUT claims to represent the collegial interests of the entire faculty. While at McGill in 1980 Mandel was a visiting professor and a member of the MAUT as well as its rival organisation the McGill Faculty union when he was refused the post.

Before coming to McGill in 1981 to carry out the investigation, the CAUT committee members had written ahead to notify several of the professors and students involved in the case that they wished to interview them. On their arrival they were surprised to learn that the MAUT had already begun an unusual information campaign,

sending letters to all those who were to be interviewed.

The letters, written by the president of MAUT, asserted that "MAUT had not found evidence to suggest impropriety in the procedures surrounding the decision of the Political Science department not to offer a new appointment to Dr. Mandel."

While this statement may have been literally correct, it implied that MAUT had investigated the case fully and found the allegations to be false. However, according to the committee, MAUT does not conduct departmental investigations. Nor did the MAUT contact any of the students involved.

Furthermore the MAUT letter continued, "we also recognise that committee's of this kind may exert, or seem to exert, their own kind of tyranny."

The CAUT Board met this year on October 30 to receive the document. At that meeting, professor Jagdish Handa, President of the MAUT, while professing to support Mandel, accused the committee of inquiry of bias.

He stated that some of the members held pro-union sentiments, while McGill believes in "collegiality." At the same meeting Mandel commented: "this is the kind of support a hanging man receives from a rope."

The CAUT Board has deferred action on the report until March.

The conflicts of interest in the MAUT's involvement in the Mandel case would seem blatant. Professor Waller, Chairperson of the Political Science department in 1980-81, was at the same time Past-President of the MAUT. The wife of professor I. Gopnik, Chairperson of the MAUT's grievance committee is a member of the Linguistics department which was then facing a grievance similar to Mandel's.

Board talks China — SAC says divest

by Albert Nerenberg

40 men and a few women were sitting in a room on Monday trying to listen to someone talk about their university while other people began yelling outside.

Principal Johnston was telling the McGill Board of Governors about how many Rhodes Scholars McGill has created in recent years. A crowd was chanting "divest now, divest now" six floors below in front of the administration building. (The Rhodes scholarship is named after the late British anti-semitic imperialist Cecil Rhodes, founder of Rhodesia, now Zimbabwe.)

Approximately 20 members of the South Africa Committee (SAC) picketed the Board of Governors' meeting to pressure the Board into removing McGill funds from companies or banks with investments in South Africa.

Addressing the Board and referring to the fact that McGill has just established collegial links with a university in China where one Chinese scholar was studying money, Johnston said: "so things are not as strange in China as one might think."

After producing their student identification cards, several SAC members entered the Boardroom quietly and placed placards reading "McGill out of South Africa" and "Divestment now" in chairs in front of them.

The Board recessed, and while many governors snacked on pastry, Hugh Hallward, Chairperson of the Board and part-owner of the Montréal expos, told SAC members politely to exit the room. He instructed them that the Board was going into closed session when non-governors are not permitted.

"I think you should think in terms of leaving," he said.

Hallward added that it is "traditional" and in "history of the Board not to have placards" at meetings.

A departing SAC member asked Hallward: "if you're asking us to be sensitive to your situation why don't you listen to what we have to say. Why hasn't the Board done anything about divestment?"

Hallward responded "I think the grapevine will be quite effective" for Board members to hear SAC demands.

When asked if the Board, which has divested from two companies last spring and met three times this fall has discussed the divestment issue this term Hallward said:

"Um, no."

Neither Bruce Williams, board member and Student Society president, nor Benjie Trister Student, Society Vice-President External and advocate of the financial reduction of the South Africa Committee, attended the meeting.

Students face evictions

by Nancy D. Kingsbury

According to one landlord, students who share an apartment may be classified as setting up a illegal "rooming house".

In a case that could have wide-ranging ramifications for student tenants, well-known ghetto landlord Lawrence Schacter, claims this as grounds for eviction of five of his tenants on Durocher street.

There are five people residing in the unit, yet only one of them has signed the lease. This situation, according to correspondence from Mr. Schacter, constitutes the presence of a "rooming house". In a letter to the tenants dated February 82, Schacter states, "I hereby order you to cease forthwith utilizing your dwelling as a rooming house or to sublet same."

In the Québec Civil Code, as it pertains to lease law, there is no definition given of a rooming house. However, there are regulations against the overcrowding of a residence — but they don't appear to apply in this case where five people are living in a five bedroom house.

Other potential grounds for eviction that come to play in this nebulous case include the restrictions on subletting. Québec law clearly states that a tenant is not allowed to sublet his apartment or house without the permission of his/her landlord. But, can a subletting situation occur when the original tenant (the signer of the lease) is still residing in the unit and is responsible for the rent?

Schacter made allusions to this in his statement that no future "subletting" can

occur in the Durocher apartment.

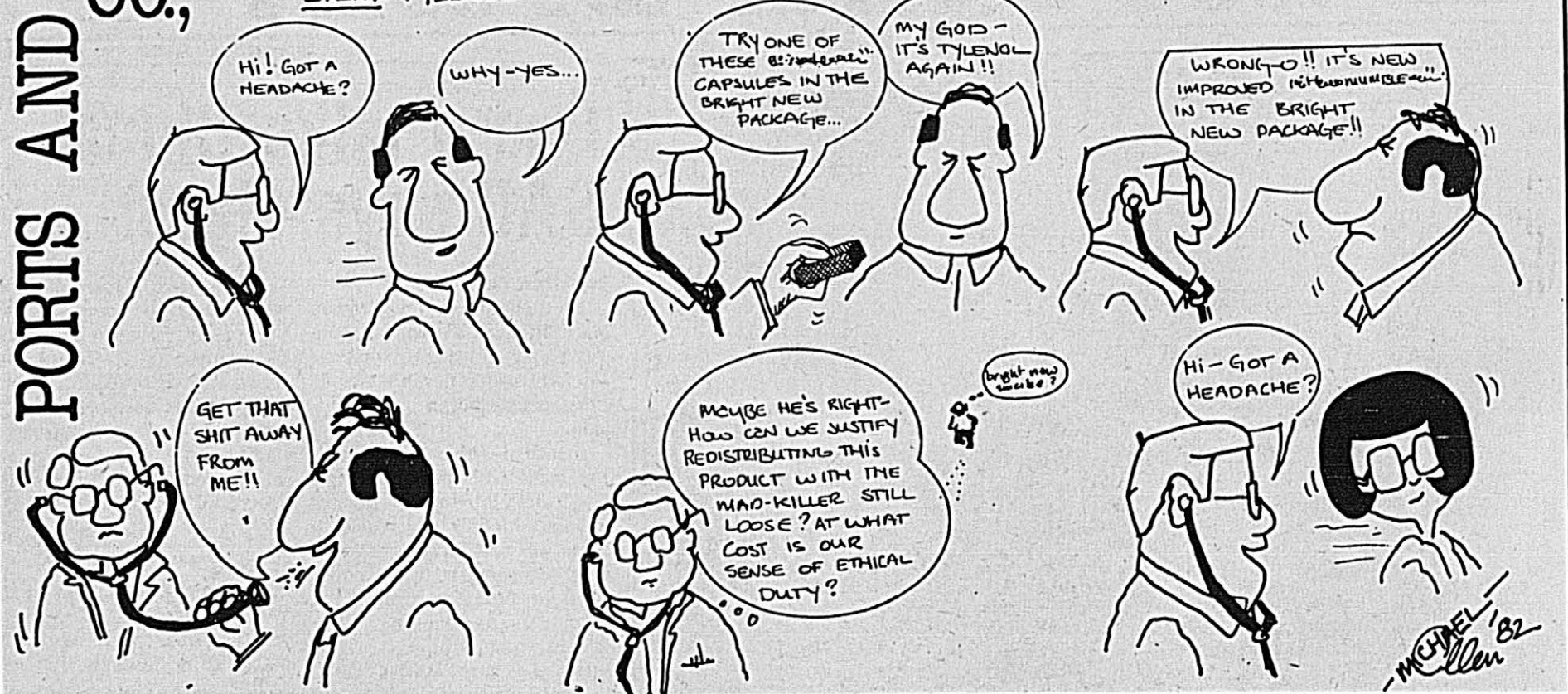
According to McGill Legal Aid employees "all the permeations of the subletting laws have not been fully defined or interpreted by the Régis de Lougement (Rental Board) as of yet."

The potentially precedent-setting case is scheduled to go before the Régis this morning at 9 a.m. Watch for details of its outcome in tomorrow's *Daily*. Lawyers and participants in the case have refused to comment due to the sub-judice nature of the case.

Science Edition: see page 3.

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Today

McGill Film Society
Is showing *Daddy Long Legs* in L132. Admission \$1.50.

Students' Society General Meeting
1:00 p.m., Room 310, University Centre
Pakistan Students Association
Invites all its members and associate members to a general meeting in Union rm B15 (ISA office) at 6 p.m.

McGill Drama
Presents *The Waltz of the Toreadors* by Jean Anouilh (in English) at 8 p.m. in Moyse Hall, Arts Building. Tickets \$1.50/\$3.50. Reservations 392-4637 between 3 and 7 p.m.

Players' Theatre
Auditions for Players' February production of *The Tavern* will be held from 1 p.m. to 3 p.m. in Union rm 425.

McGill Ski Team
Important General meeting at 5 p.m. in rm G20 of Sir Arthur Currie Gym. Dryland training will follow.

Redpath Hall Organ Recital
Anthony King plays Titelouze, Böhm, and Bach. 12:30 - 1:10 p.m.

Recital of Early Music
"Collegium Musicum" and "Vox Humana" play music of the Renaissance. Directed by Hank Knox. 8 p.m., Recital Hall, 555 Sherbrooke W.

Chamber Music of Fiala
Chamber music by George Fiala with Lubna and Ireneus Zuk, pianos, Thomas Williams and Eva Svensson, violin, Stephen Kon-

daks, viola, Christine Melnyk, cello, Gerald Danovitch Saxophone Quartet. 8 p.m., Pollack Concert Hall.

Circle K
General meeting at 7:30 p.m. in Union rm 809. Please bring dues.

NDP McGill
Meeting at 4:30 p.m. in Union rm 302. Executive Committee elections.

McGill Players
Present *Sondheim!*, a Musical Revue featuring the words and music of Stephen Sondheim at 8:00 p.m. in the Players Theatre, 3480 McTavish (3rd floor).

German Students' Association
Reminds you of our weekly Kaffee Klatsch. Brontman 601, 12-2 p.m.

McGill Relief Project Food Drive
Please bring tinned goods (milk, meat, vegs., etc.) to Union foyer, 9 a.m. to 5 p.m. Continues until Friday.

P.C. McGill
There will be a meeting at 7:00 p.m. in L513.

The Word Bookstore Poetry Reading Series
Peter Herman and John Margolis will read from their works at 8:00 p.m. at The Word Bookstore, 469 Milton.

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Room 107-108
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McGill Players Present

SONDHEIM!

A Musical Revue Featuring
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November 17-21 at 8:00 p.m.

in the

Players Theatre

3480 McTavish (3rd floor)

**The Food Economy of Central America
and the Caribbean**

"The Guatemalan Peasantry:
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Speaker: Prof. George Lovell (Queen's U.)

Thursday, November 18th, 12 noon

Centre for Developing Area Studies
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available at/desponible à: Student Union Box Office
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Drugs in the mainstream

Pharmaceuticals:

Curing all today's ailments?

by John Quashnock

The pharmaceutical industry is large. Every year, countless products are put onto the market by such companies as Ayerst, Geigy or Pfizer, each of which puts many years and much money into each of their products.

Although there are a myriad of drugs on the market we can discuss them by categorising them according to function.

Heart trouble is the number one problem facing Canadians today. An important class of cardiovascular drugs are the so-called "beta-blockers". They act to prevent hypertension which threatens people with cardiac problems with yet another heart failure. These beta-blockers are an important part of the pharmaceutical industry and are known by such names as propranolol and nadolol.

A new wave of cardiovascular products — the calcium-ion inhibitors — will soon hit the market. By acting on the calcium ion, they will limit the contraction of the blood vessels.

According to Jean Bourgouin, a clinical pharmacologist with Rhône-Poulenc, only a very few "anti-cancer" drugs exist.

In the area of psychopharmacology we find anti-anxiety drugs such as diazepam (Valium) or lorazepam. These act to limit

"anxiety attacks" which are becoming alarmingly common today. Other agents go by the name of "anti-depressants" or "antipsychotics".

The latter are powerful drugs used to control the reactions of people caught in the realms of psychosis, i.e. a loss of contact with reality. Also among the psychological drugs are sedatives (hypnotics). These help those who have sleep problems; they have replaced certain barbiturates that had addictive properties.

Next we move on to antibiotics. This important class of drugs includes the penicillins, sulpha drugs and cephalosporins. Antibiotics are important whenever surgical intervention is necessary.

Antiarthritic drugs act to control in-

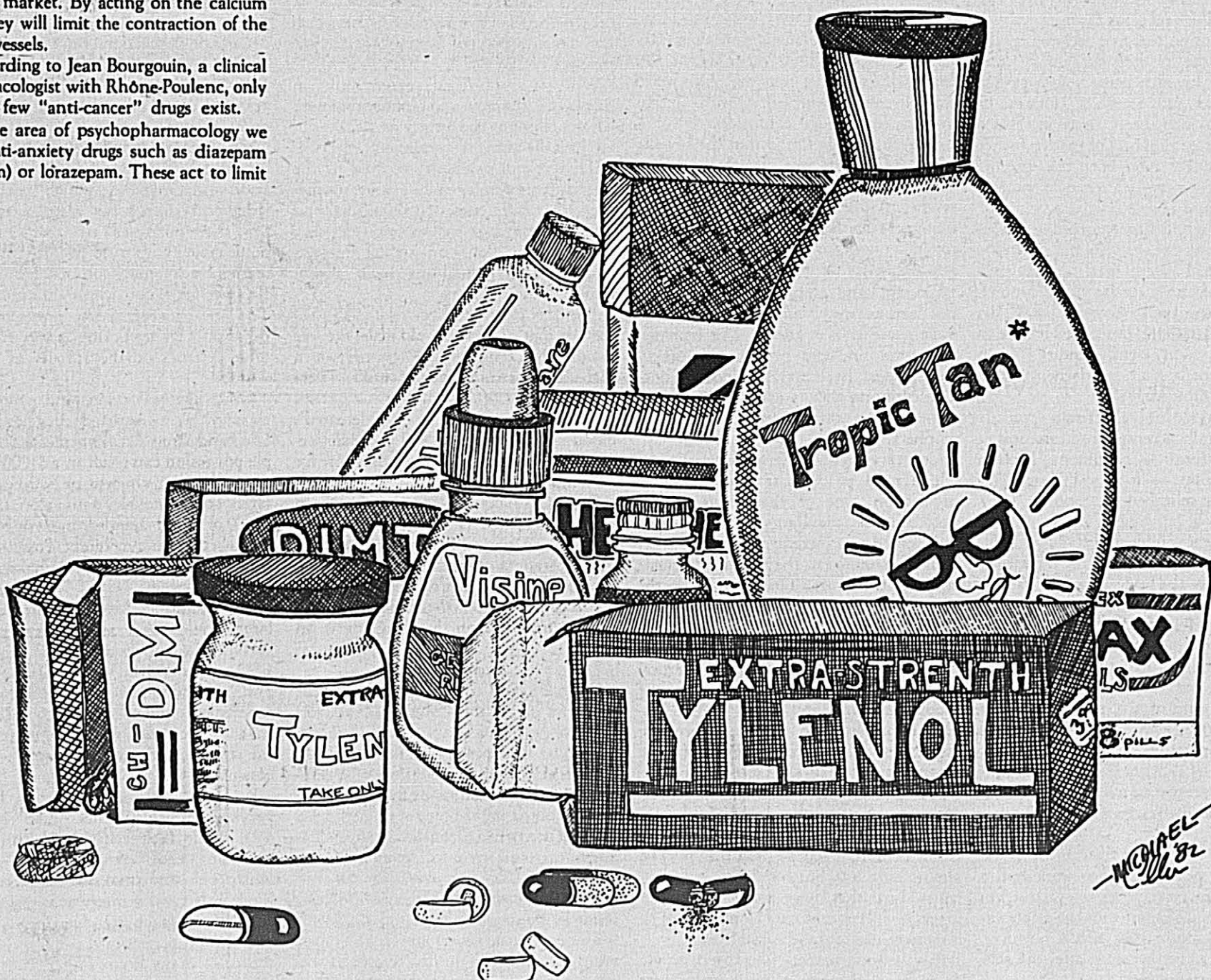
flammation of all sorts, ranging from those found in sport injuries to menstrual pains to arthritis itself. Piroxicam, naproxen and ASA (acetylsalicylic acid) all belong to this drug group. The latter also belongs to the next group: analgesics.

Analgesics, or pain-killers, are divided into two types: controlled and non-controlled. The controlled pain-killers are carefully monitored by the Federal Government and include such narcotics as morphine, oxycodone (Percodan) and acetaminophen-codeine-caffeine (Tylenol-

Codeine). Fiorinal-C (butalbital-ASA-Codeine) is an older drug but like the above is a narcotic that may create certain physical dependences.

The non-controlled pain-killers include ASA (Aspirin), acetaminophen and naproxen sodium.

Pulmonary drugs are another group of pharmaceuticals. They include bronchodilators which enlarge the diameter of constricted bronchial tubes. These are used by people suffering from asthma and other respiratory problems. □



Drugs in the mainstream

Skull-DRUG-gery

by David Samuel

Recreational drugs are not a new innovation, they have been around for centuries, though perhaps not in such widespread use and diversity.

As early as 1582 in Europe, cases have been found of ergot poisoning. Ergot is a naturally occurring fungus containing lysergic acid (commonly known as LSD). The symptoms reported include fever, hallucinations, convulsions, gangrene, loss of limbs, and death. Even those who survive the poisoning are not free — there remains a permanent mental incapacitation.

Predating the European occurrences, it has been found that the Aztecs used a species of morning glory seed, *ololiuqui*, for its mystical healing properties. Analysis of the seed has shown that it contains *d-lysergic acid amide*, which has only about one-tenth the potency of LSD.

Another drug used in North America is *peyote*, whose active ingredient is *mescaline*. *Peyote* has been used by the Indians of northern Mexico and the southwestern U.S. for centuries to relieve hunger and fatigue, as treatment for various diseases and in tribal rituals.

Magic mushrooms, whose active ingredients are *psilocybin* or *psilocin*, have also been used extensively by North American Indians in their religious festivals.

While cocaine was first isolated in the middle of the nineteenth century, and popularized by such personalities as Sigmund Freud and Sherlock Holmes, its crude form had been used in South America for centuries. The native people of the continent have been chewing the coca plant for over 1200 years to increase endurance and relieve fatigue.

Even though its first recorded use as an intoxicant was only in 1000 B.C. in India, cannabis had been used almost two millennia previously for its therapeutic effects. It has been recorded that the Emperor Shen-Nang prescribed its use as early as the twenty-eighth century B.C. in the treatment of gout, headache, nausea, and absent-mindedness.

Physiological effects

It is generally accepted that cannabis in its various forms — marijuana, hashish and their resins — is a 'soft' drug. This however is a mistaken assumption.

Cannabis is fat soluble, unlike alcohol which is water soluble and is 'flushed' out of the body in about 12 hours, the former can remain in the body for up to 30 days no matter how small the dose. This also means that the cannabis ingested during this period will tend to have a cumulative effect and that for extended use the drug may stay in the body longer.

For men one of the major effects of THC, the active ingredient of cannabis, is a decrease in testosterone production. A study done in 1974 showed that this hormone is suppressed an average of four percent per marijuana cigarette smoked per week.

The study also showed that males smoking ten or more joints per week had a significant decrease in sperm production and an increase in the number of abnormal sperms. Both these effects however, were found to be reversible after the subjects quit smoking marijuana.

In females the sex-related effects seem to be limited to pregnancy and post-

pregnancy. A five-year study on Rhesus monkeys, completed in 1979, investigated the effects of THC on their reproductive system — which is very similar to the human reproductive system. Each day the monkeys were given the equivalent amount of THC as that found in one to three marijuana cigarettes.

The study found that the percentage of stillbirths was greatly increased in the THC treated monkeys — 42% loss vs. 8% loss in the control group. Even among the surviving offspring an increased mortality rate was found. This, however, was discovered to be due to an inability of the mothers to lactate, another side-effect of THC. It has not yet been determined whether these effects are reversible.

Another study released in 1979 determined that the average joint has 50% more tar than high-tar cigarettes. The study also determined that because marijuana smoke is retained in the lungs much longer than tobacco smoke, the damage caused to the lungs by five marijuana cigarettes was equivalent to the damage caused by 112 cigarettes.

In studying the effect of marijuana on the brain, researchers determined that in subjects who used marijuana from three to ten times per week for at least 16 months, there were definite psychological effects. Symptoms include sluggish mental and physical responses, lack of goals, loss of interest in personal appearance, and a flattening of emotional response. Also noted was increased difficulty with recent memory and mental confusion.

The same study found that the severity of the symptoms was directly related to the duration of use. And even though the symptoms disappeared after the patients quit using marijuana, the time required for remission was also related to the duration and frequency of use.

Cocaine and amphetamines are both classified as psychomotor stimulants, and have some similar effects. The common symptoms include: tremors, anorexia, sleeplessness, hyperactivity, and agitation. The euphoria that is associated with cocaine is not always achieved in the use of amphetamines.

Contrary to the effects of marijuana, which tend to decrease male hormone production, one of the effects of the psychomotor stimulants is aphrodesia, and sometimes, increased sexual activity. This is attributed to the almost anesthetic effect of the drugs. They desensitize the genitals and often inhibit orgasm completely.

The cardiovascular effects of the drugs can sometimes be extremely dangerous. Cocaine has the effect of increasing the blood pressure and heart rate; amphetamines increase the blood pressure but decrease the heart rate. Both of these can result in strokes or heart failures.

Peyote and magic mushrooms are interesting substances from a physiological point of view. That is, while they are hallucinogens, it appears that they may be almost harmless. Studies done on Indian tribes show that there are no significant negative effects that can be attributed to long-term use of these substances.

Even among women who ingest *peyote* or magic mushrooms, there is no increase in the percentage of stillborn children or offspring born with birth defects.



While LSD is considered by many to be an extremely dangerous drug, the evidence is not yet complete. When Albert Hofmann first synthesized it in 1938, he did not realize its importance. In fact, it sat on the shelf for five years until Hofmann accidentally absorbed a minuscule amount through his fingertips.

LSD is still used extensively in psychiatric therapy, and Hofmann himself admits taking it as recently as 1970.

Clinically proven, permanent effects of LSD have not yet been accepted by the medical community. While some studies show that LSD causes chromosomal and genetic damage, as well as brain damage, other studies done on similar subjects under similar conditions have shown results to the contrary.

The only death possibly related to LSD use was that of a 34-year-old male; the sole abnormality found in the autopsy was a high blood serum level of LSD. There were no other drugs found in his system. The amount of LSD in the deceased's blood was 320 milligrams — approximately 23 times the extrapolated lethal dose for humans.

One side effect of LSD that has been well documented is the so-called 'panic reaction', so named for the feeling of extreme paranoia often caused by the drug. But one has never felt real paranoia until one has experienced the ill-fated attempt to talk to a policeman while one is on LSD.

Legal Status

Cannabis and cocaine are classified as narcotics under the Canadian Narcotics Control Act. This means that both simple possession and possession for trafficking are illegal. For simple possession, a summary conviction can result in a \$1000 fine or six months imprisonment or both for a first offence, while a conviction on indictment can result in up to 7 years imprisonment. Trafficking and possession for trafficking are indictable offences and can result in life imprisonment.

The courts, however, are usually much more lenient than the law suggests, and are becoming even more tolerant. While the percent of convictions for possession of cannabis resulting in a fine has remain-

ed the same (70% in 1972 and 70% in 1977), in recent years the percent of those discharged has doubled (from 12% in 1972 to 24% in 1977). And of those sentenced to imprisonment almost all were repeat offenders.

Cocaine convictions have been equally lenient. For example, recently in Montréal a first offender convicted of possession of 2 grams of cocaine was released with a fine and probation.

Amphetamine on the other hand is classified as a controlled drug under the Food and Drug Act, which means that while possession is not illegal, possession for the purposes of trafficking is punishable by up to 18 months imprisonment for a summary conviction and up to 10 years for a conviction on indictment. The line between simple possession and possession for trafficking is very fine and often depends on the amount of the involved.

LSD, like *psilocybin* and *psilocin*, is classified as a restricted drug under the Food and Drug Act. This means that simple possession can result in a \$1000 fine or 6 months imprisonment or both for a first offence on a summary conviction, or up to \$5000 or 3 years imprisonment or both for a conviction on indictment. Possession for trafficking carries the same penalties as for controlled drugs.

The quantities involved can be fairly large. There was a case of a first offender convicted of possession of 83 tablets of LSD who was given a suspended sentence and probation. This will only work if the accused can find someone who will testify that the accused is a heavy user and that the amount in question is for his personal consumption.

Peyote and magic mushrooms have a very questionable status under the two acts. While their active ingredients may not be legal, possession of fresh mushrooms and *peyote* buttons is not illegal. This is why mushroom pickers are usually only given fines for trespassing.

Although recreational drugs can be the source of many hours of fun and enjoyment, it is wise to temper one's intake with regard to the potential abuse to one's body and the perils of legal entanglement. □

Drugs in the mainstream

Harpping on prostaglandins

by Heather Peniuk

David Harpp, a prominent organic chemist at McGill, in his latest 'Chemistry for the Public' lecture discussed prostaglandins.

This family of compounds may just be the best kept medical secret of the decade as far as the general public is concerned.

The *Daily* sought out Harpp to find out more on this subject.

Daily: What exactly are prostaglandins and how do they function in the human body?

Harpp: Prostaglandins are hormone-like substances that are found in just about all human and animal tissues. They're not stored in the tissue but, rather, are synthesized from acids in a series of complex steps.

In regards to their function, they appear to be involved in the way tissues regulate themselves to respond to injury and physiological stimuli. They may be important in all tissues, but this hasn't been well established yet.

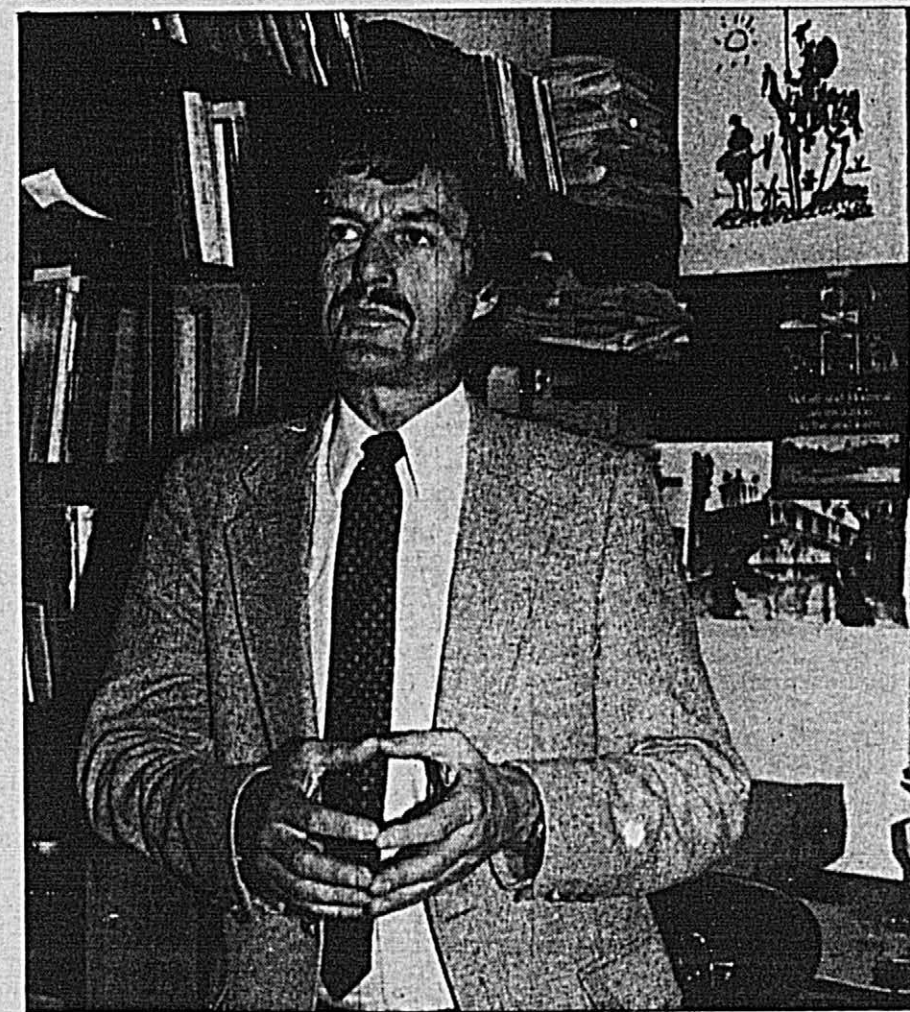
Daily: It seems that prostaglandins only really became well known in the last ten years or so. How long have we actually known about them?

Harpp: The story of the discovery of prostaglandins goes back to the 1930's, when Lieb and Kurzkrook found that after artificial insemination, some women went through violent uterine contractions.

Sometime later, Vif von Euler in Sweden found that an unknown substance in seminal fluid caused muscles to contract. This substance was found in high concentration in the prostate gland so von Euler named it prostaglandin.

Daily: From this initial discovery, what happened that led to the great current interest in prostaglandins?

Harpp: One of the main events that heightened the interest in prostaglandins was that in 1971, John Vane of England discovered that Aspirin works by blocking the last step in the body's synthesis of prostaglandins. This exciting discovery



showed that prostaglandins may be involved in pain, inflammation, fever and blood clotting. Later experiments showed these speculation to be true.

Another important step forward came when Sune Bergstrom, a protégé of von Euler, was able to crystallize prostaglandin. This was an extremely important accomplishment as now the ultimate goal of synthesizing prostaglandin in the chemical laboratory could be attempted.

Daily: Were they able to synthesize prostaglandin?

Harpp: Not only were they able to syn-

thesize it, but it was also found that prostaglandin can be isolated from a Caribbean coral that contains it in high concentrations. No one really knows why the coral produces these large amounts of prostaglandin but the commercial exploitation of this coral for drug use is a possibility.

Daily: How could prostaglandin be used as a medical drug?

Harpp: Prostaglandins are extremely potent as they can have effects in only nanogram (billionth of a gram) amounts. They are sometimes called local or tissue hormones because they act in the areas that produce them. Classical hormones are different because they act on tissues distant from their production. The effect of the prostaglandin is brief because they aren't stored and are quickly inactivated by enzymes.

Their wide range of biological effects and their great potency have stimulated a lot of clinical research. Efforts are being made to produce analogues that are more selective and longer lasting than natural prostaglandins. Several of these analogues have already been found and are undergoing further pharmaceutical study.

Daily: What specific diseases could prostaglandins be used to combat?

Harpp: Prostaglandins regulate blood pressure and many scientists believe they may offer therapy for minimizing the effects of strokes and heart attacks. Possibly, prostaglandins may even prevent heart attacks by controlling hypertension.

In 1976 it was discovered that an oil in fish stops blood clot formation — which is believed to trigger heart attacks and strokes. The fish oil contains a certain precursor from which the body makes a prostaglandin. This prevents blood platelets from clumping and forming clots.

The low rate of heart attacks among Eskimos, despite their ingesting huge

quantities of blubber, can be explained by their diet consisting largely of seafood which gives them much of the raw material to produce the protective prostaglandin.

The extraordinary anticlotting power of this prostaglandin makes it a likely candidate for use in prevention of blood clots in patients with heart disease, for dissolving clots already formed and for reducing the effects of oxygen loss in damaged tissue.

Daily: In what other areas could we make use of prostaglandins?

Harpp: Several different types of prostaglandins also have been shown to protect the stomach and intestines from ulcers. These prostaglandins decrease the amount of acid secreted by the stomach and thereby can prevent hyperacidity which leads to ulceration. Aspirin inhibits prostaglandin production in the stomach. Since Aspirin tends to induce ulceration, it may do it by this inhibition.

It's now believed that a continuous production of prostaglandins in the stomach protects against ulceration. Several clinical studies are now going on that have shown that prostaglandin administered orally to patients can control peptic ulcers and other stomach ailments.

Regarding asthma, several prostaglandins when inhaled by asthmatic patients, can dilate their bronchi, thereby relieving them of the suffocating symptoms of asthma. There doesn't seem to be any negative side effects using prostaglandins, which are often present with the drugs currently in use.

Daily: You mentioned that Aspirin has an effect on prostaglandins. Since Aspirin is a common cure for headaches, does this mean that prostaglandins are implicated in causing these headaches?

Harpp: The pain of migraine headaches is currently thought to be caused by a dilation of blood vessels. Because certain types of prostaglandins are known to be potent dilators of blood vessels, scientists are searching for anti-prostaglandin substances to treat migraine headaches. Aspirin can inhibit the formation of prostaglandins but it can't inhibit the activity of prostaglandins that have already been formed.

A new group of anti-prostaglandin drugs, called fenamates, have now been found. They inhibit formation of prostaglandins and inhibit the action of already formed prostaglandins. These drugs are in the process of being studied. A recent investigation in Finland showed that one of the fenamates was extremely effective and produced fewer side effects than traditional drugs.

Cancer cells have also been shown to produce more prostaglandin than normal cells and analogues of prostaglandin have been shown to inhibit the growth of some tumors in animals.

Daily: Prostaglandins with all their benefits must have some risks. What are some of them?

Harpp: What seems to be emerging from the research on prostaglandins is the importance of maintaining them in proper balance. The presence of either too much or too little of them can induce disease conditions. As was once said "the difference between a poison and a medicine is in the dose." □

And then there were none?

Help! I need somebody.

The McGill Daily's *Science Edition* is in a bind. We are in desperate need of writers.

Over its four year history, the science supplement has attempted to bring scientific issues into the limelight. This has not always proved to be an easy task, but so far we have been quite successful.

As a university newspaper, we are in the unique position of being able to discuss scientific issues in a human context. This entails presenting more than mere fact; it means we try to analyse what science is doing and how it is affecting our lives.

We deal with many issues. In the past we have looked such topics as evolution, waste and pollution, birth control and space exploration. In the future we will look at nuclear energy, Canada's role in the communications field and technology in the workplace.

The *Science Edition* is not only for science students. It is our feeling that an understanding of science is an important facet in coping in today's world. This means that our discussions are not simply limited to scientific discussions.

If you wish to heed this plea for writers, come to the Daily office (Union B03) tomorrow — Thursday — at 2 pm.

Richard Gold

McGill students: \$2.00 per day. For 3 days, \$1.75 per day; more than 3 days, \$1.50 per day.

McGill Faculty and staff: \$3.00 per day. All others: \$3.50 per day.

Classified

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Clean Spacious 4-1/2, \$450 a month includes heat & water tax. Corner of Dr. Penfield and de la Montagne. 849-2538 (evenings, week-end).

ROOMMATE WANTED To share large 7-1/2 Westmount flat. Over 25, preferably female, with a sense of humour. RENT: \$253 per month. STARTING: December 1, 1982. Call Don at 931-5690 around suppertime or 273-2695 anytime.

343 - MOVERS

Moving done quickly and cheaply by student with large van. Call Stéphane, 845-1991.

350 - JOBS

SUMMER CAMP: Section heads, Specialists for computers, electric guitar, swim, sail, windsurf, tennis, basketball, judo, gymnastics, pottery, calligraphy, drama, canoe. MINIMUM \$800 plus room, board, laundry. Pripstein's: 481-1875.

352 - HELP WANTED

Amateur Entertainment sought for Downtown Restaurant-Bar. Cash prize to best performance. If interested in participating, call 274-9417, 1-5 p.m. or 933-7985.

Profitable Business Opportunity - Start without capital. For information (514) 486-9570 after 4 p.m.

Profit Sharing Opportunity in new research co. Electronic skills, low frequency oscillator, laser transmission, micro circuits. Call Lyn Davignon 1-514-264-3398, 7-8 p.m.

METROPOLITAN NEWS - Newspapers, Maps, Magazines, and Fashion Magazines from Around the World - needs help. Saturdays & Sundays, 8 a.m. - 1 p.m.

354 - TYPING SERVICES

QUALITY TYPING IBM SELECTRIC. Meticulous care taken with your theses, term papers, resumés, etc. Downtown area. 934-1455.

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NANCY UNISEX HAIR STYLIST from Salon Guy Metro is now working at Exquis Coiffure. 931-2491, 2100 Guy, Suite 200. Will be happy to see all my customers.

Been in touch with a word processor lately? If you can type, you can rent one by the hour at Proword's special IPS rate. For information, call 842-0363.

361 - ARTICLES FOR SALE

COMPUTER Sinclair 2X81 BASIC computer with 16K memory pack. 3 months old, \$150.00. Call Morrie between 5 and 7 p.m. 747-2175.

Exxa Military Surplus: 100% wool army, navy, air force greatcoats \$39.95; Army arctic parkas \$69.95; Army boots (from \$14.95); 1210 St. Denis near St. Catherine.

Sony System: AM/FM stereo receiver, turntable and speakers. Good condition. Best offer. Tel. 844-6976

Futons! - Highest quality, lowest price in Montreal - thick 100% cotton. Single: 108.95, double: 130.95, Queen: 152.95. Menage à Shaw. 287-9101.

Christmas Shopping? Try a "Massage Certificate". For info, contact Mr. Eaves, Downtown Y.M.C.A., 1450 Stanley (849-8393, loc. 301) (M-F. 11-8) (Sat. 11-3).

RCA T.V. B/W Excellent condition. \$90. Garrard Turntable AT6 - almost new \$60. Mehne German Timer - 15 minute increments \$8. High School Books - French, English. Bargains. 288-2894.

367 - CARS FOR SALE

For sale... Honda Hawk 400 cc., only 5000 miles, mint condition, asking \$1200. Must sell. Call Kevin 392-5428 days, 935-8278 nights.

FAST LADA, '81, 37,000 km., 7 Radial Tires, Fabulous sound system - 9" Blaupunkt speakers; Ziebarted. Bonus, two travelling spare part kits. Call 282-9330.

372 - LOST & FOUND

Lost Keyholder with silver coin. On one side a face and engraving Pascual Paoli. Wanted for sentimental reasons. Please phone 845-5977; 392-4257.

Lost: November 15, a man's silver bracelet in the McIntyre Med. Building, the McLennan or Bronfman Library. Sentimental value. Please return. Call Mark at 366-7937.

FOUND: Ladies' watch in Lea 12. To identify and claim, call or drop by the Debating Union office, 392-8909.

LOST Thurs, Nov. 11th: one black and gold Schaeffer fountain pen. If found, please call 286-0426 for a REWARD.

374 - PERSONAL

T.M. - We'll always be there to root for you. Love, your rink-rats, M & E.

Black male student 23 years old, looking for female companion, 21 and over. Any race or nationality. Call after 7:00. Ask for Tony 637-4321.

383 - LESSONS OFFERED

Test Anxious? The McGill Counselling Service is offering a group geared to those students overly anxious about taking tests. If interested call: 392-5119.

English Tutoring Service. Private tutoring sessions. "At home" tutoring available. Proofreading. English translations. 3465 Côte des Neiges, No. 52, Montreal. Tel.: 933-8106.

Are you interested in singing lessons? Experienced teacher. B.Mus. McGill. European trained. All levels. Call: 331-0565.

Recorder lessons offered for beginners and intermediate, groups welcome. Piano and clarinet also. Bilingual. Call 934-4910.

Tutoring wanted for elementary grade stu-

dent attending French school 4 nights per week in St. Leonard area. Call (day) 870-3744 (eve.) 324-1145.

Is any JAPANESE interested in teaching me his language in exchange for ENGLISH? Call 464-5652 after 8 p.m.

J'offre leçons de FRANÇAIS en échange de JAPONAIS. Appelez 392-5840, Prof. Don-nay.

385 - NOTICES

OF COURSE

NOV 18TH

DETOUR?

Drinking, Dancing and Debauchery at Douglas! Come to our 3-D Party Saturday, November 20th from 10 p.m. to 2 a.m. Try our "Iron Butterfly" - the drink for a new dimension!

Pakistan Students Association presents a seminar on current affairs in South Asia. Dr. Nasir Islam (U. of Ottawa) will speak on "Pakistan at the Crossroads" on Friday, 19th Nov. at 7 p.m. in Room 26, Leacock Building. All are welcome.

LIFE, is it falling apart around you? For living problems, try Emotions Anonymous. Every Wednesday. 3484 Peel St., 3rd floor. 8:00 p.m.

Richard Pryor Live on the Sunset Strip presented by the McGill Comedy Club. Friday, Nov. 19, 7:30 p.m. in FDA Auditorium. Admission \$1.50.

PORTUGUESE STUDENTS ASSOCIATION invites ALL to its 1st Annual Dance. DOOR PRIZES included. November 20, 8 p.m. \$5.00 & free drink. 40 Jean Talon East. Info. call CUPSA 879-8009.

Acapulco 2 wks, flight and hotel, from \$499 U.S. and Florida 10 days, transportation and hotel, from \$240 U.S. Call Bev 487-7316, Joyce 484-0757.

Wilson Bentley - The Snowflake Man Public lecture by Duncan C. Blanchard. Monday, November 22, 1982. 7:30 p.m. Leacock 219. Free admission.

McGill Personal Finance Club presents Mr. Paul Mathurin on underwriting tonight at 6:00 p.m. in room 376 (Bronfman). Coffee & doughnuts will be served.

387 - VOLUNTEERS

Volunteers needed to work with intellectually and physically handicapped children in a swim-gym program in Chomedey. One hour, Sundays. No experience needed. Call Andrea 688-8961.

The Yellow Door needs volunteers to do visiting & accompaniment (to appointments) for elderly people in the McGill & Downtown area. If interested please call 392-6742.

389 - MUSICIANS WANTED

Top 40 dance band needs lead guitarist immediately. Back up vocals an asset. Lots of work (\$\$\$). For more info call 735-7253.



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Do you need someone to talk to about personal, educational, or vocational problems? If so, call and make an appointment at 392-8889.

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3700 McTavish
 Dr. G. Torbit, Director

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STUDENTS' SOCIETY

GENERAL MEETING

Are you concerned about your University? About your Students' Society? About your \$32? About beer?

If you answered yes to any of those questions and you haven't taken the trouble to call the Executive Committee (Bruce & Bruce 392-8970; Benjie & Peter 392-8971; or David 392-8972) then...

TODAY IS FOR YOU

The Students' Society is having its bi-annual Opening Meeting where you can have a chance to voice your concerns, or failing that, find out who represents you and talk to them privately. It's well worth the trouble!

1:00 p.m.
 Room 310
 University Centre

DISCOVER WHAT YOUR STUDENTS' SOCIETY HAS TO OFFER YOU!

ELECTION



There will be an election for the position of treasurer of the Women's Union, on Wednesday, November 24th. All voting members are eligible to stand or to nominate candidates.

Nominations close at 5:00 p.m. on Friday, November 19th. Nominations should be deposited in the box provided in the Women's Union.

All candidates are expected to attend the Women's Union meeting on Tuesday, November 23rd, at 5:00 p.m. to make 'campaign speeches' or to answer members' questions.

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